APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISIK, I.

"Planning the protection of the intermittent spring near Tisovec in Slovakia." p. 54.
(Ochrana Prirody. Vol. 8, no. 3, July 1953. Praha.)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress, February 1954, Uncl.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

KUSTRA, Teodor; MISIK, Adam

Preliminary reports on the surgical treatment of the [illegible] alveolar fistulas using Kustra's method. Otolaryng. Pol. 20 no.3:345-351 '66.

1. Z Oddziału Otolaryngologicznego [illegible] w Bartinie (Kierownik: d. med. T. Kustra).

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

KUSTRA, T.; MISIK, A.; SZABO, L.

Experiences with trypsin therapy of chronic maxillary sinusitis. Cesk. otolar. 7 no.5:279-283 Oct 58.

1. Otolaryng. odd. OUNZ Martin, prednosta MUDr. Teodor Kustra.
(SINUSITIS, ther.
trypsin (Cz))
(TRYPSIN, ther. use,
sinusitis (Cz))

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

L 40195-66 T RO/JK

ACC NR: AP6030046 SOURCE CODE: CZ/0049/65/000/010/0763/0771

AUTHOR: Misiga, Stanislav--Mishiga, S. (Gradudate biologist)

ORG: Institute for Agricultural Technologic Research, Bratislava-Predmesti (Vyskumny ustav agrochemickej technologie)

TITLE: Rapid specific method for testing the effectiveness of chemical against smuts

SOURCE: Biologia, no. 10, 1965, 763-771

TOPIC TAGS: plant parasite, fungicide

ABSTRACT: Study of fungicidal effect of 8 compounds on true rye smut (erysiphe graminis var. hordei), the most pathogenic parasite on Hordeolum vulgare found in Czechoslovakia. A special model for testing is described and found optimal. Orig. art. has: 1 figure and 3 tables. [Based on author's German abst.] [JPRS: 33,500]

SUB CODE: 06 / SUBM DATE: 05May65 / ORIG REF: 001 / OTH REF: 009

Card 1/1

0918 0620

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

CZECHOSLOVAKIA

MISECA, Stanislav; KLEMENTEV, Ivan; Research Institute for Agrochemical Technology [Vyskumny Ustav Agrochemickej Technologie], Bratislava - Predmestie.

"Use of a Recording Instrument for Counting of Spores".

Bratislava, Biologia, Vol 18, No 10, 1963, pp 791 - 792

Abstract: The authors describe an instrument offered by Mikrotechna, National Enterprise at Prague - Modrany.
3 Figures, 1 reference.

1/1

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISIGA, Stanislav, prom.biol.

Transmission of certain jaundice viruses through dodder. Biologia 16 no.5:340-350 '61.

1. Vyskumny ustav agrotechnickej technologie, Bratislava-Predmestie.

(DODDER) (JAUNDICE)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

VALENTA, Vlk, dr.; MISIGA, Stanislav, prom.biol.; MUSIL, Milos, prom.biol.

Distribution of parastolbur in Slovakia. Biologia 16 no.3:178-183 '61. (EEAI 10:9/10)

1. Virologicky ustav Ceskolovenskej akademie vied, Bratislava.

(STOLBUR)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISIGA, Stanislav; MUSIL, Milos; VALENTA, Vlk.

Some host plants of the clover phyllody virus. Biologia 15 no.7:538-542 '60. (EEAI 10:2)

1. Virologicly ustav Ceskoslovenskej akademie vied, Bratislava.
(CLOVER) (VIRUSES)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISIEWICZ, Leszek

The results of employing cytostatics in 37 patients with malignant neoplasms of the ovary. Ginek. Pol. 36 no. 2 167-172 F '65

1. Z Kliniki Poloznictwa i Chorob Kobiecych Instytutu Matki i Dziecka w Warszawie (Kierownik: prof. dr. med. J. Lesinski).

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISIEWICZ, Leszek

Studies on oxytocic properties of secretions of the human uterine mucosa during the course of the menstrual cycle. Acta physiol. Pol. 15 no.5:677-693 S-O '64

1. Z Kliniki Chorob Kobiecych i Poloznictwa Dzialu Matki Instytutu Matki i Dziecka w Warszawie (Dyrektor Instytutu: prof. dr. B. Gornicki; Kierownik Kliniki: prof. dr. J.Lesinski).

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

BIELIECKI, Antoni; HOROWICZ, Krystyna; MISIEWICZ, Leszek

Cancer of the cervix in conjunction with cancer of the corpus uteri in a 37-year-old virgin. Ginek. pol. 34 no.6:767-771 '63.

1. Z Kliniki Położnictwa i Chorób Kobiecych Instytutu Matki i Dziecka w Warszawie. Kierownik: prof.dr.med. J.Lesinski.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISIEWICZ, Leszek

Clinical experiences with the use of "Trenimon" in the treatment of some precancerous and cancerous states. Ginek. pol. 34 no.2:245-254 '63.

1. Z Kliniki Poloznictwa i Chorob Kobiecych Instytutu Matki i Dziecka w Warszawie Dyrektor: prof. dr med. B. Gornicki Kierownik Kliniki: prof. dr med. J. Lesinski.
(CERVIX EROSION) (OVARIAN NEOPLASMS)
(ANTINEOPLASTIC AGENTS)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISIEWICZ, Leszek

Role of cyto-genetic examinations in obstetrics and gynecology. Ginek. pol. 33 no.6:867-874 '62.

1. Z Kliniki Poloznictwa i Chorob Kobiecych Instytutu Matki i Dziecka w Warszawie Dyrektor Instytutu: prof. dr med. B. Gornicki Kierownik Kliniki: prof. dr med. J. Losinski.

(CHROMOSOMES) (SEX DETERMINATION) (ABORTION)
(ABNORMALITIES) (STERILITY) (MONGOLISM)
(MENSTRUATION DISORDERS)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

PRZYTUŁA, Piotr; MUCHLIŃCZ, Leszek

A case of [illegible] with cytostatics and surgery. Wiad. lek. 18 no. [illegible] 15 Je '65.

1. Z Kliniki Położnictwa i Chorób Kobiecych Instytutu Matki i Dziecka w Warszawie (Kierownik: prof. dr. med. [illegible]).

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISIEWICZ, Janina i wspolpracownicy: BATYCKI, W.; BURACZEWSKI, O.; GACKOWSKI, J.; GURTAT, B.; KOBIERSKA, H.; KOZAKOW, H.; KRZYSZKOWSKA, A.; KURYLOWICZ, W.; KUZNIECOW, A.; MULLER, H.; RAFINSKI, T.; ROMANOWSKA, I.; SITEK, K.; STOPNICKA, M.; SZCZEPANAKI, W.; SZUSTROWA, J.; WIERZBOWSKA, M.; WIKTOROWICZ, J.

Early results of vaccination against tuberculosis with vaccines prepared from four different BCG strains. I. Gruzlica 25 no.3:243-250 Mar 57.

1. Z Instytutu Gruzlicy w Warszawie Dyrektor: prof. dr J. Misiewicz. Adres: Warszawa, ul Plocka 26.
(BCG VACCINATION, statist.
comparison of 4 strains (Pol))

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

HORNUNG, Stanislaw; MISIEWICZ, Janina; OSSOWSKA, Krystyna

Draft proposal for international classification in roentgenography.
Gruzlica 24 no.9:985-991 Sept 56.

1. Adres: Warszawa, Plocka 26.
(ROENTGENOGRAPHY
internat. classif., draft proposal)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISIEWICZ, Janina

Institute of tuberculosis. Postepy wiedzy med. 3 no.3: 303-306 July-Sept 56.

(TUBERCULOSIS,
institute of tuberc. in Poland (Pol))

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISIEWICZ, Janina, Prof.dr.

Directives for evaluation of diagnostic and therapeutic work in tuberculosis sanatoria. Gruzlica 22 no.12:888-895 Dec. '54.
(TUBERCULOSIS
diag. & ther. in sanatorium, directives for evaluation)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISIEWICZ, J;OSINSKA, K;WROCZYNSKA, K.

Treatment of laryngeal and pulmonary tuberculosis with small doses of streptomycin. Gruslica, Warsz. 20 no. 2 233-238 Mar-Apr. 1952. (CLML 22:3)

1. Of the Institute of Tuberculosis (Director--Prof. J. Misiewicz, M. D.)

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MISIEWICZ, J.

75 years of the Szpital Wolski (Tuberculosis Institute). Gruzlica, Warsz. 20 no.2:147-150 [illegible] 1952. (CLML 22:3)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

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MISIEWICZ, J.

Institute of Tuberculosis in the Six Year Plan. Gruzlica 20:6 Suppl. 2:36-41 1952. (CIML 24:2)

1. Warsaw.

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MISIEWICZ, J.

Determination of incapacity to work due to pulmonary tuberculosis in the open treatment facilities. Polski tygod. lek 7 no. 19:596-599 12 May 1952. (CIML 22:5)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

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MISIEWICZ, J.

Tuberculosis research in Poland. Polski tygod. lek. 6 no.20: 641-647 14 May 1951. (CIML 21:1)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISIEWICZ, J.

Streptomycin and collapse therapy in pulmonary tuberculosis.
Gruzlica, Warszawa 18 no.3-4:469-479 July-Dec 50. (CIML 20:7)

1. Of the Institute of Tuberculosis in Warsaw (Director--Janina Misiewicz).

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

SEMCZUK, Boleslaw; MISIEWICZ, Antoni; KLONOWSKI, Stanislaw

Diseases of the paranasal sinuses in the rural population. Ann. Univ. Lublin sect. D 19:337-342 '64.

1. Katedra i Klinika Otolaryngologiczna Wydzial Lekarski AM w Lublinie (Kierownik: prof. dr. Benedykt Dylewski) i 101 Wojskowy Szpital Rejonowy w Lublinie (Komendant: pulkownik Antoni Olszewski, lek.).

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

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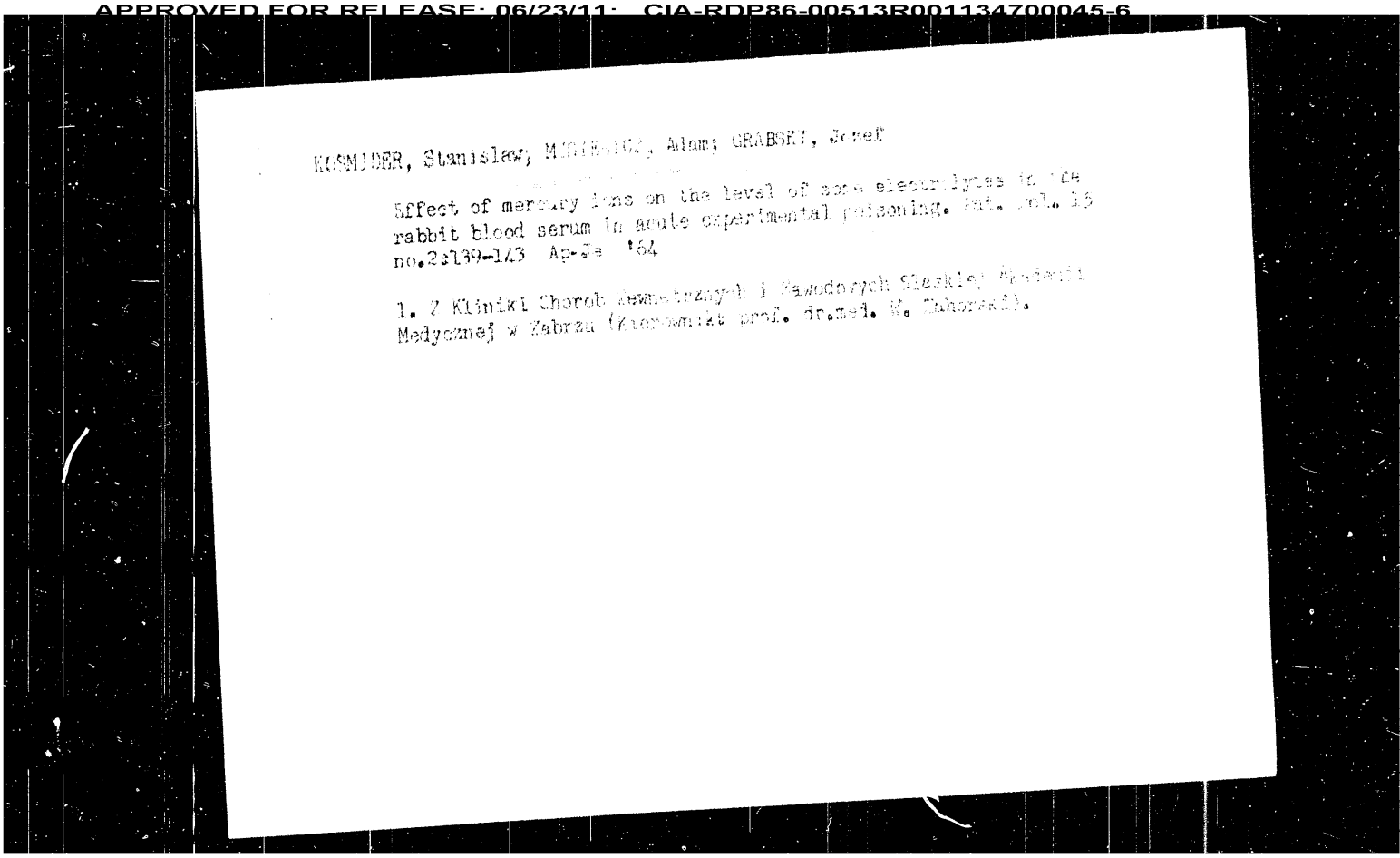


KASMIERER, Stanislaw; M[illegible], Adam; GRABORT, Josef

Effect of mercury ions on the level of some electrolytes in the rabbit blood serum in acute experimental poisoning. Pol. arch. med. 34 no.2:139-143 Ap-Je '64

1. Z Kliniki Chorob Zawodowych i Zawodowych Slaskiej Akademii Medycznej w Zabrzu (Kierownik: prof. dr.med. W. Zahorski).

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

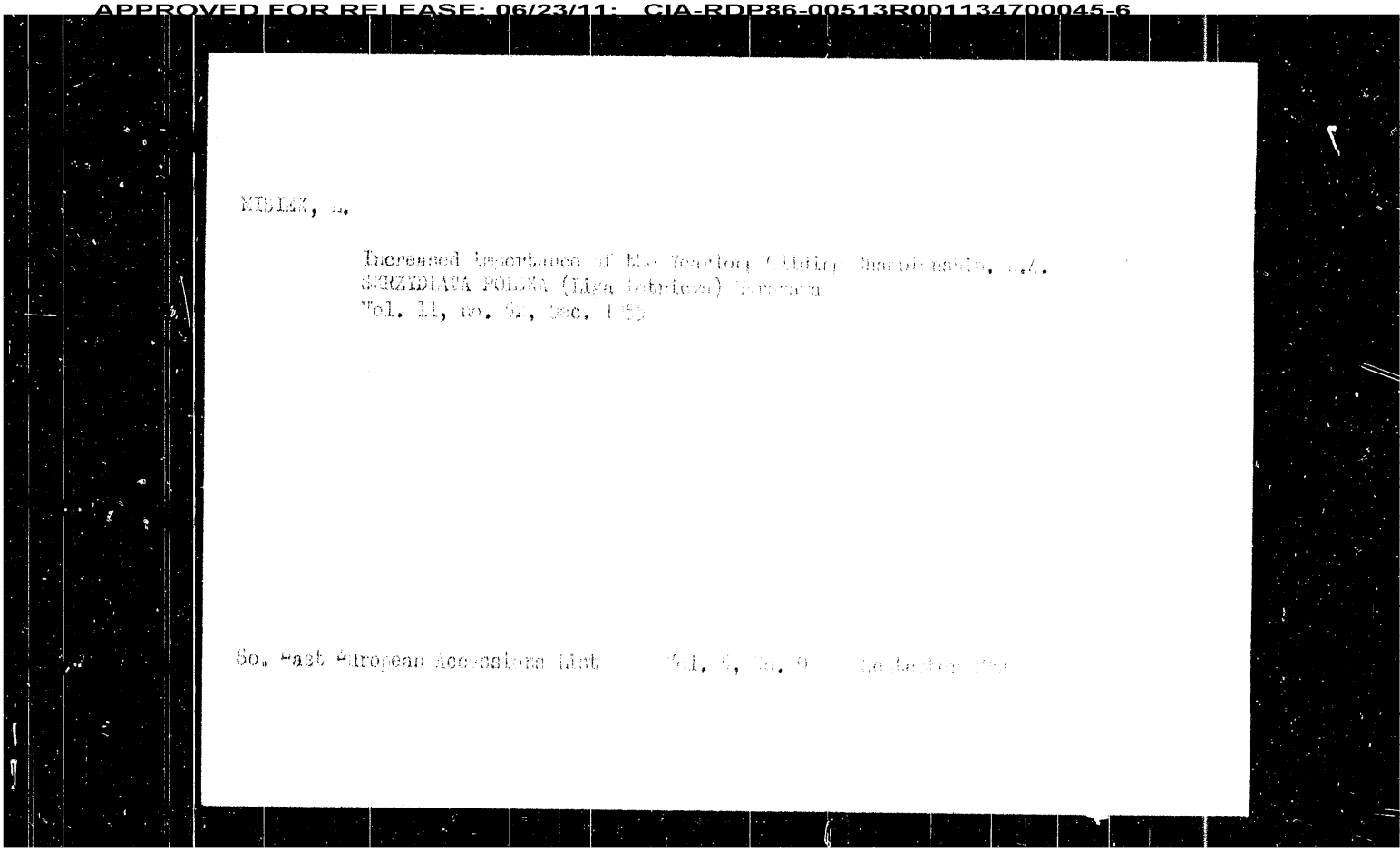
MISIEROWICZ, ARKADIUSZ

Gleboznawstwo ogolne. Wyd. 2. Warszawa, Panstwowe Wydawn. Rolnicze i Lesne, 1956. 500 p. (General science of the soil. 2d ed.)
DA Not in DLC

SO: Monthly List of East European Accessions (EEAI) LC, Vol. 6, No. 8, Aug 1957. Uncl.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6



MISIEK, J.

Increased importance of Mn+ reaction (Maire Curie-Sklodowska, J.)
GOSPODARKA POLSKA (Light Industry) Warszawa
Vol. 11, no. 12, Dec. 1956

So. East European Accessions List Vol. 6, No. 9 September 1957

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISICU, N.

"Beams and Slabs on Elastic Soils. p.361." BULETIN STIINTIFIC, Vol.3, No. 2-4, Apr./Dec/ 1951. Bucuresti, Rumania.

SO: Monthly List of East European Accessions, L.C.Vol.2, No.11, Nov. 1953. Uncl.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISICU, M.

Statistical relations. Studii cerc mat 14 no.3:465-483 '63.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISICU, M.

Theory of asymmetric plastic and viscoelastic plastic solids.
Rev mec appl 9 no. 3:477-495 '64.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

L 05[illegible]-67

ACC NR: AP6018328

elements. According to the present analysis, such models are characterized by a mutual influence between stresses and gradients of rotations, or between couple-stresses and strains. Such effects are present in isotropic bodies without centro-asymmetry. The propagation of the plane spherical waves is analyzed. Dynamic surface effects of Rayleigh type are also determined. Orig. art. has: 106 formulas and 4 figures.

SUB CODE: 20/ SUBM DATE: 07Jun65/ ORIG REF: 006/ OTH REF: 004

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

L 05414-67 EWP(w) LJP(c) WW/EM

ACC NR: AP6018328 SOURCE CODE: RU/0019/65/010/005/1085/1104

26
25
B

AUTHOR: Misicu, M.

ORG: Center of the Mechanics of Solids, Academy of the Socialist Republic of Rumania

TITLE: The elasticity of structural nonhomogeneous centro-asymmetric isotropic bodies

SOURCE: Revue Roumaine des sciences techniques. Serie de mecanique appliquee, v. 10, no. 5, 1965, 1085-1104

TOPIC TAGS: isotropic solid, elastic structure, nonhomogeneous structure, mechanical stress

ABSTRACT: The author considers a structural body characterized by internally constrained rotations and relative restrained rotations. The constitutive equation and the differential equations of equilibrium are derived on the basis of the general formulation of the virtual mechanical work established previously, which allows the consideration of both constrained and relative rotations. The body is assumed to be isotropic without restrictions concerning the centro-symmetric case. Thus, it is possible to apply the general results of the theory to the analysis of different structural mechanical models, i.e., reticulated bodies with flexible

UDC: 539.3

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISICH, M.

A generalization of Cosserat equations of the motion of deformable bodies (with internal degrees of freedom). Rev mec appl Roum 9 no.6:1351-1359 '64.

1. Institute of Applied Mechanics of the Roumanian Academy, Bucharest. Submitted November 1, 1963.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISICU, M.

Theory of viscoelaticity with couple stresses and some reductions to two-dimensional problems. Pt. 2.
Rev mec appl 9 no. 1:3-35 '64.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISICU, M.

International Symposium on the Applications of the Theory of Functions in Continuum Mechanics, September 17-23, 1963, in Tbilisi. Studii cerc mec apl 15 no.1:263-265 '64.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISICU, M.

Rheologic structures. Studii cerc mec apl 14 no.1:7-25 '63.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISICU, M.

Theory of viscoelasticity with couple stresses and some reductions to two-dimensional problems. Pt. 2. Rev mec appl 8 no. 6: 921-952 '63.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

R/008/62/013/006/001/008
A065/A126

AUTHOR: Mişicu, M.

TITLE: Rheologic structure

PERIODICAL: Studii şi cercetări de mecanică aplicată, v. 13, no. 6, 1962, 1,357 - 1,386

TEXT: Being a continuation of an article published in Revue de Mécanique Appliquée, no. 4, 1962, 723 - 749, this article describes the elements of the tensor densities and of the exterior forms. The elements of the $\mathcal{T}$, $\mathcal{T}^{\flat}$, $[\mathcal{T}_p] \otimes \ldots \otimes [\mathcal{T}^*_p] \otimes \ldots \otimes [\mathcal{T}^*_p]$ spaces have the character of nonlinear operators which, applied to some co- and contravariant elements, determine the invariants in $P \in V_n$. The formal isolation of the elements of these spaces in the expression of the respective invariants, should be brought into correspondence with their type of structure and their operator character. For this purpose, the author examines the following supplementary indications in comparison with the infinitesimal theory: the $[\mathcal{F}(V_n)]$ space; the $[\mathcal{X}]$-vectorial space; the operator indices; the n-vectors; the operative Kronecker symbols; and the tensor densi-

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISICU, M.

"Distribution of impulse moments in collective ensembles" by Gunther Ecker and Dietrich Voslamber. Reviewed by M. Misicu. Studii cerc mec apl 13 no.3:813-814 '62.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISICU, M.

Rheologic structures. Studii cerc mec apl 13 no.3:597-620 '62.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISICU, M.; TEODOSIU, C.

The axial symmetrical problem and plane problem of the elasticity theory for the nonhomogeneous isotropic bodies. Comunicarile AR 12 no.8:921-927 Ag '62.

1. Comunicare prezentata de academician E. Carafoli.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISICU, M.

Representation of the associated quasistatic and dynamic vector of spatial equilibrium in the continuous nonhomogeneous media with quasilinear rehologic properties. Comunicarile AR 12 no.8:915-920 Ag '62.

1. Comunicare prezentata de academician E. Carafoli.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

MISICU, M.; DINCA, Fl.

Some experimental results in the field of the dynamic flexion of the bars with viscous elastic properties. Studii cerc mec apl 12 no.4: 899-907 '61.

(Rods) (Elasticity)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

Dynamic bending of girders ...

$T_1(t)$ represents the solution of the differential equations for the homogeneous initial conditions while T_2 for the given initial conditions. T_2 is completely determined by the initial conditions, while T_1 by the disturbing function. There are 1 figure, 1 table and 24 references: 2 Soviet-bloc and 22 non-Soviet-bloc. The four most recent references to English-language publications read as follows: D.S. Berry and S.C. Hunter, The propagation of dynamic stresses in viscoelastic rods, J. Mech. Phys. Solids, 4, 72-95, 1956; H. Kolski, The propagation of stress in visoelastic solids, Applied Mechanics Review, II, 9, 465 - 68, 1958; E.H. Lee, and J.A. Morrison, A comparison of propagation of longitudinal waves in rods of viscoelastic materials, J. Poly. Sci., 19, 93 - 110, 1956; J.A. Morrison, Wave propagation in rods of Voigt material and visco-elastic materials with three parameter models, Quart. Appl. Math., 14, 153 - 196, 1956.

SUBMITTED: December 21, 1960

Card 6/6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

Dynamic bending of girders ...

$$T(t) = L^{-1}\frac{\overline{f(p)}}{\pi(p)} + T_0^{(n-1)}\pi_n Y(t) + T_0^{(n-2)}[\pi_n Y'(t) + \pi_{n-1} Y(t)] + \\ + T_0^{(n-3)}[\pi_n Y''(t) + \pi_{n-1} Y'(t) + \pi_{n-2} Y(t)] + \ldots + \\ + T_0^{(0)}[\pi_n Y^{(n-1)}(t) + \pi_{n-1} Y^{n-2}(t) + \ldots \pi_1 Y(t)] = \\ = T_1(t) + T_2(t), \tag{2.27}$$

(2.27)

in which $T_1(t)$ and $T_2(t)$ are expressed by

$$T_1(t) = L^{-1}\frac{\overline{f(p)}}{\pi(p)}, \tag{2.28}$$

(2.28)

$$T_2(t) = T_0^{(n-1)}[\pi_n Y'(t) + \pi_{n-1} Y(t)] + \ldots + \\ + T_0^{(0)}[\pi_n Y^{(n-1)}(t) + \pi_{n-1} Y^{(n-2)}(t) + \ldots + \pi_1 Y(t)],$$

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Dynamic bending of girders ...

and the initial conditions

$$\alpha_0 = \beta_0 = \alpha_2' = \beta_2' = 1. \tag{1.8}$$

Considering the solution to have the shape of

$$u(z, t) = \sum_{l=0}^{\infty} Z_l(z)\, T_l(t). \tag{2.1}$$

$Z_1(z)$ and $T_1(t)$ being the functions to be determined, the authors deduce

$$Z_l^{IV} - \lambda^4 Z_l = 0, \tag{2.5}$$

$$EI\lambda^4 \sum_0^r q_n T_l^{(n)} + m \sum_0^r p_n T_l^{(n+2)} = \sum_0^r p_n f_l^{(n)}(t). \tag{2.5}$$

On the basis of the Green function and the Broomwich integral the authors then deduce the relation of T(t)

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Dynamic bending of girders ...

$$\mathcal{E} I \frac{\partial^4 u}{\partial z^4} + m \frac{\partial^2 u}{\partial t^2} = f(z, t), \qquad (1.5) \qquad (1.5)$$

in which I is the inertia moment of the transversal section, u the overall displacement in the direction of the Ox axis, m the mass of the length unity, f(z, t) the external force referred to the length unity. The complete solution of the Cauchy problem for the transversal vibrations of the girders consists in determining the solution of the differential equation

$$E I \sum_{n=0}^{r} q_n \frac{\partial^{n+4} \cdot u}{\partial t^n \partial z^4} + m \sum_{n=0}^{r} p_n \frac{\partial^{n+2} \cdot u}{\partial t^{n+2}} = \sum_{n=0}^{r} p_n \frac{\partial^n f}{\partial t^n}. \qquad (1.6) \qquad (1.6)$$

within the boundary conditions

$$\sum_i \alpha_i u^{(i)}(0, t) = \sum_i \beta_i u^{(i)}(0, t) = 0, \qquad (1.7) \qquad (1.7)$$
$$\sum_i \alpha'_i u^{(i)}(0, t) = \sum_i \beta'_i u^{(i)}(0, t) = 0.$$

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D235/D304

Dynamic bending of girders ...

ing phenomena interfer, a Maxwell model is considered in the applications regarding the vibrations of frequencies of 5 - 10 cps. For determining the differential equation of the transversal oscillations of straight beams, the authors consider a straight beam of L length, referred to an orthogonal system of O_{xyz} axes, the Oz axis coinciding with the non-distorted axis of the girder, while the Ox axis is directed in such a way that the system of coordinates should be a straight system. The equations of motion may be deduced from the rheological theory of continuous media. If $\sigma(z)$ is the normal stress on the transversal section at a z distance from the axis, the following hypothesis may be admitted: a) the material distorts according to a general rheological scheme; b) The P and Q operators are purely differential; c) p_n and q_n are constant coefficients; d) The transverse dimensions of the girder are reduced in ratio with the length L, so that the current hypothesis in the theory of thin girders may be accepted. These hypotheses lead to the equation of transversal vibrations:

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24 4200 also 2807

AUTHORS: Mişicu, M., and Dincă, Fl.

TITLE: Dynamic bending of girders with viscoelastic properties. I.

PERIODICAL: Studii şi cercetări de mecanică aplicată, no. 2, 1961, 239 - 254

TEXT: The authors establish the equations of the transverse vibrations of a straight girder which has linear viscoelastic properties depending on an arbitrary number of parameters. A series of usual schemes in the theory of viscoelasticity are considered to be the physical schemes of the properties of the viscoelastic material. These schemes were first considered by L. Boltzmann and later described, under the designation of Voigt and Maxwell models. In this paper, the authors do not consider the plastic phenomena; the general theory of motion, however, is established for an Alfrey-type model of generally linear oscillation. Since no creep-

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On the Propagation of the Secondary and Primary Disturbances of the Total Field

the stationary axis z, he studies the case of plane waves, deriving the equations of the linearized equilibrium (4.14). The speed of waves in the transformed space is expressed by (4.20). The author also studies the infinite conductivity (4.23), in case of a disturbance expressed by (4.22), the finite electric conductivity and the zero rheologic effect (4.24), the high electric conductivity (4.31), and the general case (4.32). The author finally examines waves of a certain shape for a constant density and derives the final solutions (5.8) and (5.9) in which appear the pressures of the gravitational, hydrostatic, magnetostatic, thermal and viscoelastic fields. The disturbances have a primary character since the nonlinearities of h are respected, which can be considered to be the value order of H. There are 2 figures and 21 references: 14 English, 3 Soviet, 1 French, 1 German and 2 unidentified.

SUBMITTED: January 18, 1960

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On the Propagation of the Secondary and Primary Disturbances of the Total Field

An extension of these relations within the total field can also be accomplished on the basis of some studies by W. Noll (7) and R.S. Rivlin (2) and (4). The author recapitulates the general rheologic expressions the relations between stresses and deformations (1.8), the relations of an isotropic linear rheologic field (1.10), the equations of convection corresponding to the T thermal field (1.13), the equations of the total field (1.19), and the impulsetheorem (1.20). In order to explain the interaction of the thermal and magnetic rheologic field, the author tries to establish symmetric relations instead of the equations of the total field. For this purpose he transcribes them in the form of (2.1) and finally deduces the symmetric equations of the ternary interaction of the three equations show symmetrically the interaction of the three forms of the total field. Considering a deviation of the values of the secondary field in relation to a stationary field, and the expression (3.1) being a component of the spectral decomposition of the value of the primary and secondary field, the author deduces successively the characteristic cone of the secondary disturbance of the total field. Introducing the equation which gives the speed of the Alfven waves, he obtains the solution of the linearized equation (3.43) and the relation of frequencies (3.46). Considering then a homogenous magnetic field H, parallel with

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24,4000

AUTHOR: Misicu, M.

TITLE: On the Propagation of the Secondary and Primary Disturbances of the Total Field

PERIODICAL: Studii şi Cercetări de Mecanică Aplicată, 1960, No. 3, pp. 651-673

TEXT: The author establishes in this article the equations of the non-relativistic thermal, rheomagnetic and gravitational field, called the "Total Field". The following factors are considered for the Total Field: the electric field E, the magnetic field H, the electric induction D, the magnetic induction B, the load density ρ, the propagation speed of the light in vacuum c, connected by the equations of the maxwellian electromagnetic field (1.1), the current density j (1.4), and the equations of the rheologic field (1.5). The rheologic laws of M. Reiner (1), R.S. Rivlin (2), J.L. Ericksen (3), B.D. Cotter (4), J.G. Oldroyd (5), and S. Zaremba (6) can be taken into consideration with regard to the relations between stresses and deformations. The author then examines the rheomagnetic phenomena of rheologic linearity without the coefficients of the distribution type. These phenomena are either pure viscoelastic or pure plastoviscous.

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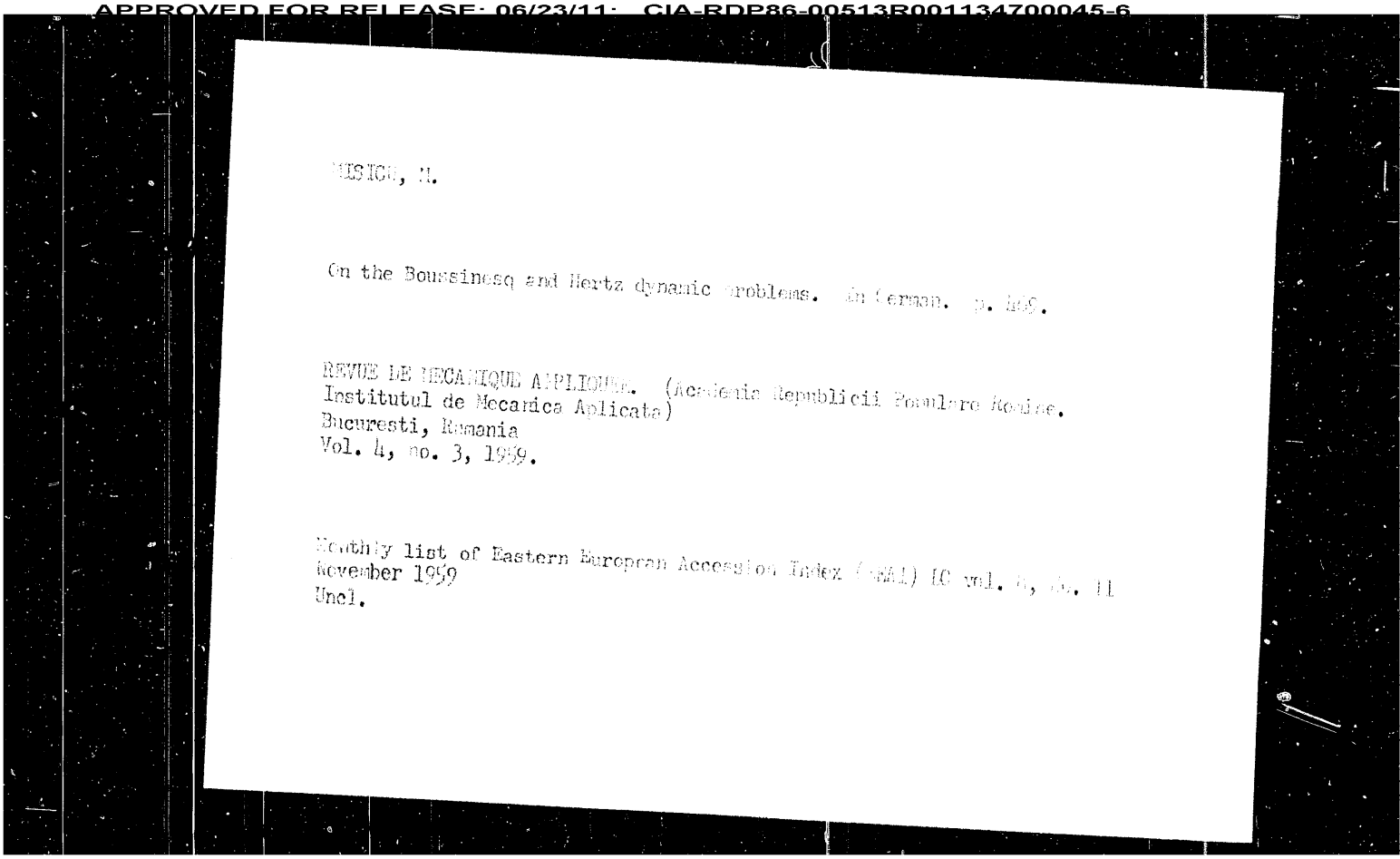

MUSICC, M.

On the Boussinesq and Hertz dynamic problems. In German. p. 465.

REVUE DE MECANIQUE APPLIQUEE. (Academia Republicii Populare Romine. Institutul de Mecanica Aplicata)
Bucuresti, Rumania
Vol. 4, no. 3, 1959.

Monthly list of Eastern European Accession Index (EEAI) LC vol. 8, no. 11
November 1959
Uncl.

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MUSICU, M.

"Representation of the elastic-equilibrium equations by means of quaternion-monogeneous functions."

p. 457 (Buletin Stiintific. Sectia De Stiinte Matematice Si Fizice) Vol. 9, no. 2, 1957
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

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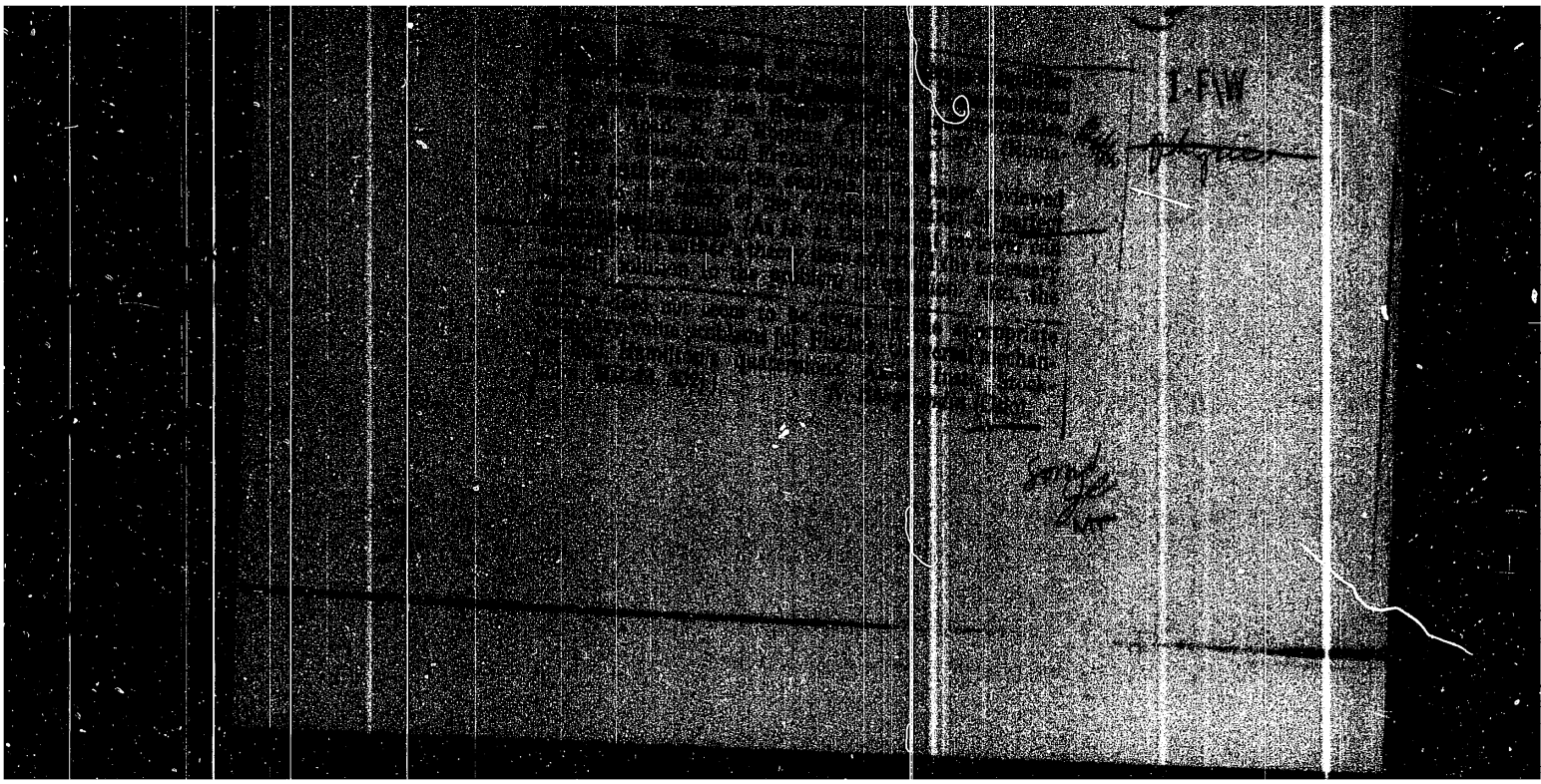

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MISICU, M.

Determination of proper vibrations in construction. p. 447. Academia Republicii Populare Romine. Institutul de Mecanica Aplicata. STUDII SI CERCETARI DE MECANICA APLICATA. Bucuresti. Vol. 6, no. 3/4, July/Dec. 1955.

So. East European Accessions List Vol. 5, No. 9 September, 1956

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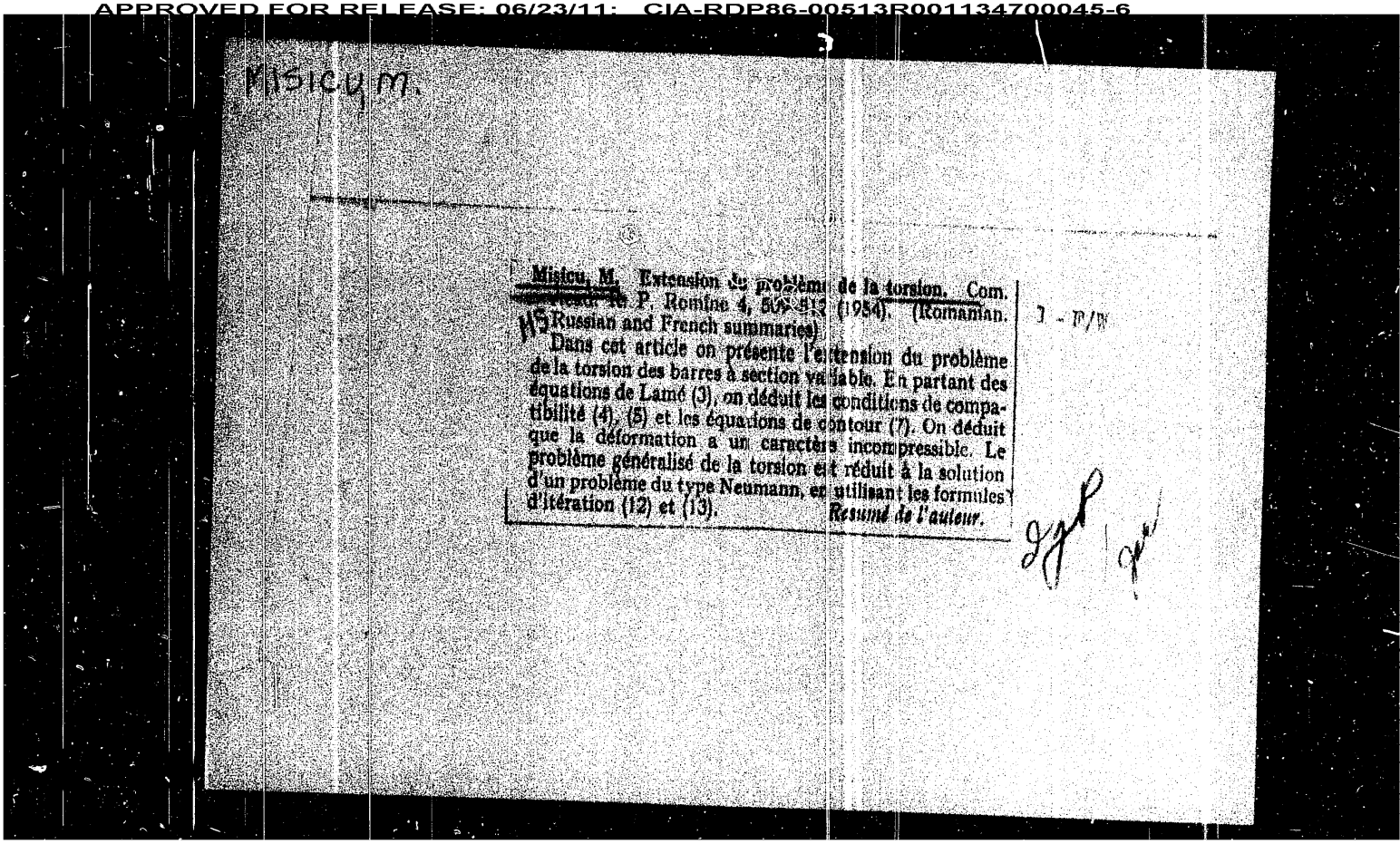

MISICUM.

Misicu, M. Extension du problème de la torsion. Com. Acad. R. P. Romîne 4, 505-512 (1954). (Romanian. Russian and French summaries)

Dans cet article on présente l'extension du problème de la torsion des barres à section variable. En partant des équations de Lamé (3), on déduit les conditions de compatibilité (4), (5) et les équations de contour (7). On déduit que la déformation a un caractère incompressible. Le problème généralisé de la torsion est réduit à la solution d'un problème du type Neumann, en utilisant les formules d'itération (12) et (13). *Resumé de l'auteur.*

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JANKOVIC, M.M.; MISIC, V.; POPOVIC, R.; DANON, J.; RADMI . S.; JOVANOVIC, B.; ZABIJAKIN, V.; MICEVSKI, K.; MARINOVIC, R.Z.; DIKLIC, N.; MIKOLIC, V.; PAVLOVIC, Z.; TATIC, B.; BLECIC, V.; STJEPANOVIC, L.J.; CUROVIC, M.

Review of periodicals; botany. Bul sc Youg 9 no.4/5:139-140 Ag-O '64.

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COLIC, Dusan, inz.; MISIC, Vojislav, dr.; POPOVIC, Milorad, inz.

Phytocenological analysis of the high-mountain community of Silesian willow and mountain alder (Saliceto-Alnetum viridis ass. nova) in the Stara Planina Mountain. Zbor Biol inst Beograd 6 no.5:3-43 '62[publ. '63].

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JANKOVIC, Milorad; MISIC, Vojislav; POPOVIC, Milorad

Results of the comparative phytocoenologic, dendrometric, and ecologic studies on certain prevailing varieties of Quercetum montanum festucetosum montanae M. Jank. et V. Mis., and of Quercetum sessiliflorae acetoselletum M. Jank. et V. Mis. of Fruska Gora. Arh biol nauka 13 no.3/4:149-180 '61.

1. Clan Redakcionog odgora, "Arhiv bioloskih nauk" (for Jankovic).

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JANKOVIC, Milorad; MISIC, Vojislav

Forest vegetation of Fruska Gora. Zbor prir Mat srp no.19:26-97 '60.

1. Botanicki zavod Prirodno-matematickog fakulteta u Beogradu i Biloloski institut u Beogradu.

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MISIC, Vojsilav, dr.

The relict individual variability of the Balkan beech in the Garvan Klisura (People's Republic of Macedonia) and the Caucasus beech in Batum (Soviet Socialist Republic of Georgia). Zbor Biol inst Beograd 3 no.3:1-31 '60.

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MISIC, V

" New Regions in Serbia With Drosera Rotundifolia L. " p. 49 (NAUKA I PRIRODA)
(Vol. 12, No. 3, 1953 Beograd, Yugoslavia)

SO: Monthly List of East European Accessions L. C.Vol. 3, No. 4, April 1954

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MISIC, V.

"New Finds of Drosera Rotundifolia in Serbia" p. 260
(ZBORNIK RADOVA, Vol. 11, no. 2, 1951, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 10, October, 1953, Unclassified

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MISIC, R.

"Graphic method in dimensional analysis," Tehnicki Pregled, Zagreb, Vol 6, No 1, 1954, p. 3.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

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YUGOSLAVIA/Cultivated Plants - Fruits. Berries. M-6

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30029

Author : Diurdjevic, Branislav, Misic, Petar D.

Inst : The Institute for Fruit Raising in Chachek

Title : A Study of the Possible Simultaneous Double Pear Graft on the East Malling Type A Quince in the Hot-House of Yugoslavia.

Orig Pub : Arhiv pojopr. nauke, 1956, 9, No 26, 113-122, (Serbo-Croatian; res. Eng.).

Abstract : Investigations made at the Institute for Fruit Raising in the city of Chachek in 1954-1955 have shown that the inoculation of the pear on the quince had only 31% viability. Grafting by means of a graft had 70.7% taking, and with an intermediary stock only 20%, although the sapling output from the hothouse was then speeded up by 1 year.

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YUGOSLAVIA / Cultivated Plants. Fruits, Berries, Nutbearing, Teas. M-6

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6415

total above the biological zero was achieved starting on January 1st. Varieties, grafted on seedlings of forest apple trees, required a somewhat greater temperature total, than those grafted on M IX. The biological zero for different varieties was 5.5 - 7°.

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YUGOSLAVIA / Cultivated Plants. Fruits, Berries, Nutbearing, Teas. M-6

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6415

Author : Misic, Petar D.
Inst : Yugoslavia Fruit-Growing Institute
Title : The Effect of Meteorological Factors on the Beginning of the Period of Blooming of Some Apple Tree Varieties

Orig Pub : Archiv poljoprivredne nauke, 1956, 9, No 23, 37-48

Abstract : The results of five years of observations at the Fruit-Growing Institute in Čačak (Yugoslavia) on apple tree varieties are given in this paper. Apple tree varieties, grafted on standard rootstocks, bloomed, under normal weather conditions, if a certain temperature

Card 1/2

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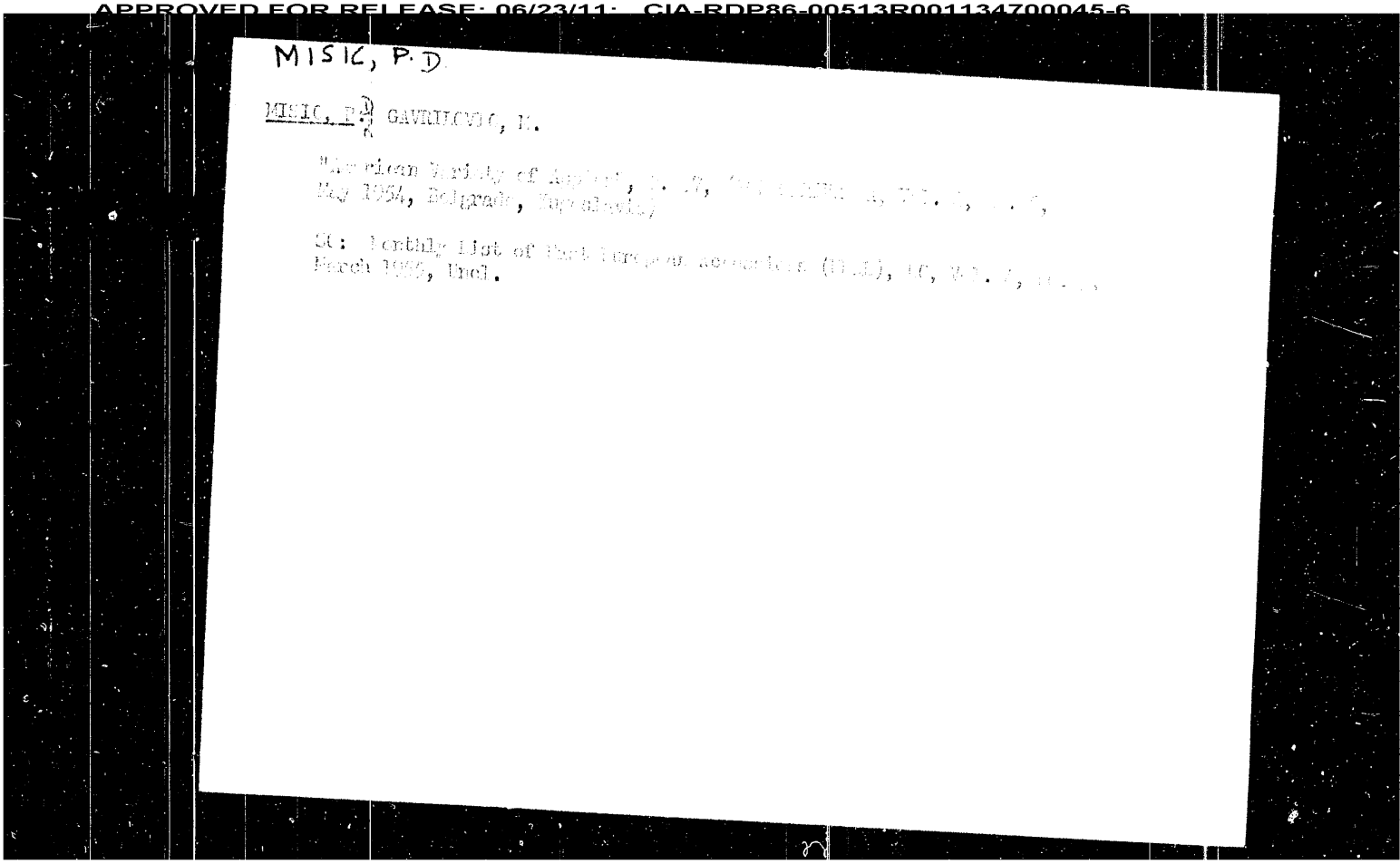

MISIC, P.D

MISIC, P. GAVRILOVIC, L.

"American Weekly of Applied [illegible]," p. 2, [illegible] p. [illegible],
May 1954, Belgrade, Yugoslavia

SO: Monthly List of East European Accessions (EAL), LC, Vol. 4, No. [illegible],
March 1955, Unclassified.

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TADIC, Zivorad,D.; MISIC, Milica,M.; DIMITRIJEVIC, Dorde M., prof. inz.

Reactivity of N-oxypyridinecarboxylic acids. Pt.1. Glas Hem dr 27 no.7/8:407-414 '62.

1. Faculty of Technology, Institute of Organic Chemistry, Beograd.

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Misic, M.

Trends of development of supporting artillery in the postwar period. p. 406.
VOJNO-TECHNICKI GLASKIK. Beograd. Vol. 4, no. 6, June 1956.

SOURCE: East European Accessions List, (EEAL), Library of Congress,
Vol. 5, no. 12, December 1956

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DRINKOVIC, Ivo; MISIC, Judita

Bronchial tuberculosis and surgical therapy of pulmonary tuberculosis. Tuberkuloza, Beogr. 11 no.2:189-192 '59.
(TUBERCULOSIS PULMONARY surg.)

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MISIC, DIMITRJE

Hidrocentrala Zvornik. Beograd, Narodna knjiga, 1952 36 p. (Veliki objeki petogodisnjeg plana u Srbiji) (Hydraulic Power Plant in Zvornik. illus., maps, diagras., glossary) Beograd.

SOURCE: East European Accessions List (EEAL), Library of Congress, Vol. 4, No. 12, December 1955.

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YUGOSLAVIA

[illegible], B., and [illegible] M., Institute of [illegible] Therapy (Institut za Radiologiju i Nuklearnu Terapiju [illegible] Surgery, Oncology, and Ophthalmology (Klinika za Hirurgiju, Onkologiju, i Oftalmologiju); and Institute for the Application of Nuclear Power in Agriculture, Veterinary Medicine, and Forestry (Institut za Primenu Nuklearne Energije u Poljoprivredi, Veterinarstvu, i Šumarstvu).

"Determination of Ionotherapy Application Period by Means of Radioactive Calcium (Ca^{45})."

Belgrade, Acta Veterinaria, Vol 13, No 1, 1963, pp 19-22.

Abstract: [Authors' English summary modified] On the basis of systematic studies carried out on guinea pigs by means of radioactive calcium in connection with the restitution of the bone system, the authors conclude that the most suitable moment to employ galvanization is five minutes after the intraperitoneal injection of calcium and that the use of ionotherapy with calcium in the treatment of fractures of tubular bones should begin five to six days after the injury.

One graph, one table, four references (three Yugoslav, one German).

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DRZEWIECKI, Pawel; MISIARZ, Czeslawa

Influence of impurities of nickel used grid supports upon the insulation of receiver tubes. Przegl elektroniki 3 no.3:142-143 Mr '62

1. Zaklady Wytworcze Lamp Elektrycznych, Warszawa.

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ZWOLINSKI, Jerzy; WYSZYNSKA, Halina; MISIAKIEWICZ, Zbigniew; KOSINSKI, Konrad

Influence of settlement boilerhouses of central heating systems on the degree of pollution in the vicinity. Roczn panstw zakl hig 15 no.1:85-90 '64.

1. Department of Communal Hygiene, State Institute of H Hygiene, Warsaw. Head of Department: prof. dr J. Just.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700045-6

KOSINSKI, Konrad; MISIAKIEWICZ, Zbigniew

Studies on the level of radioactivity of atmospheric air in Warsaw. Poczn panstw zakl hig 15 no.1:59-66 '64.

1. Department of Communal Hygiene, State Institute of Hygiene, Warsaw. Head of Department: prof. dr J. Just.

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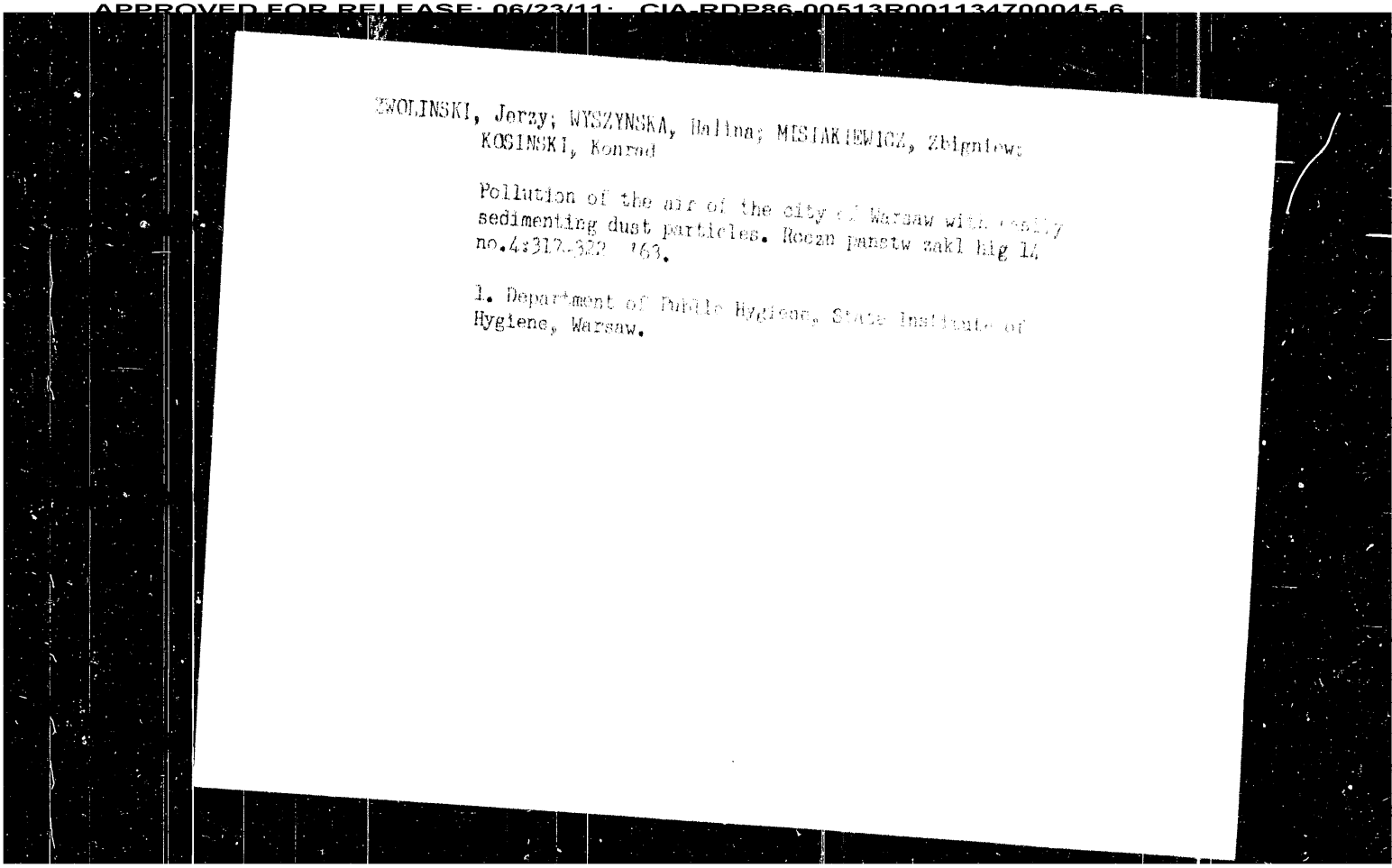

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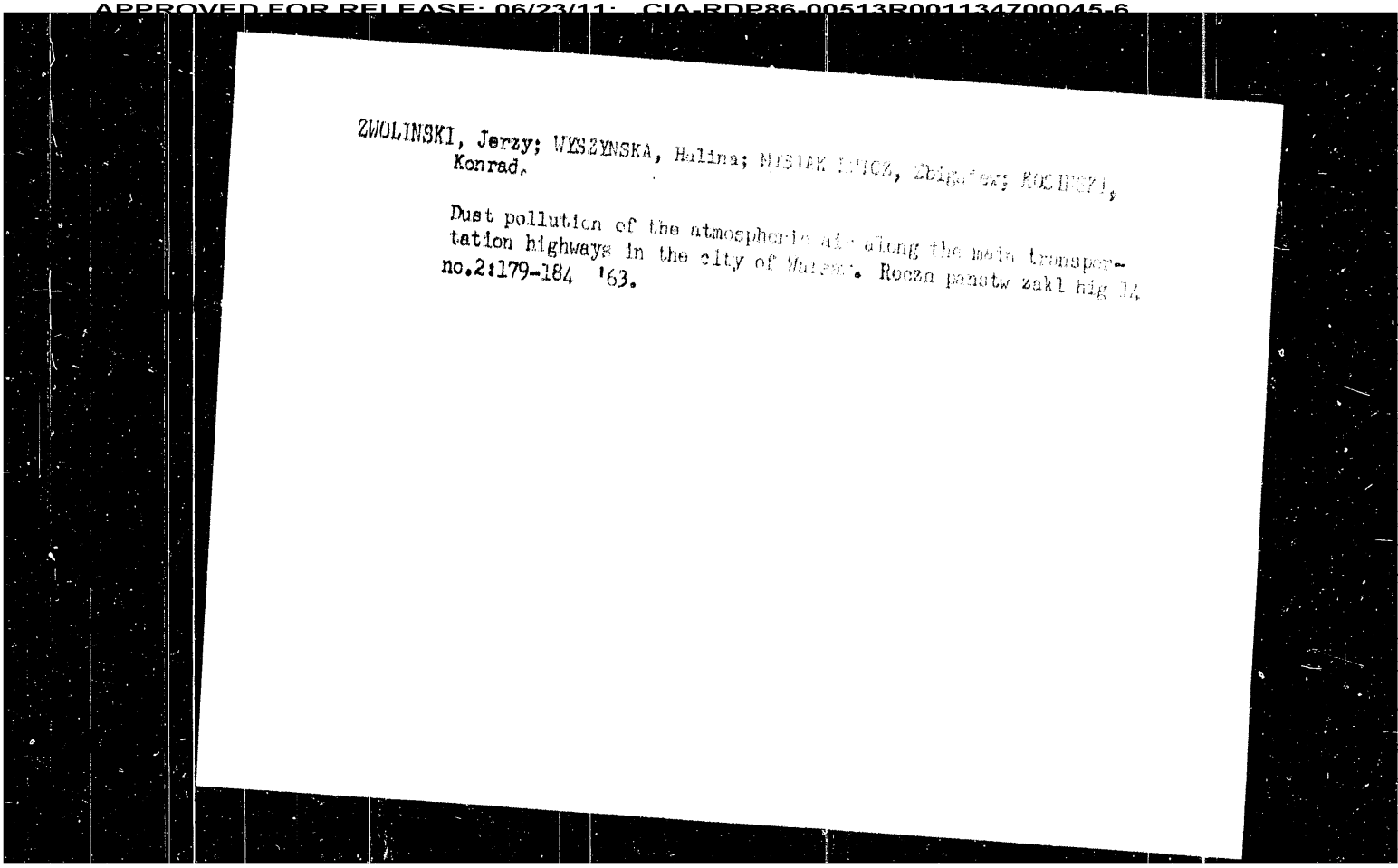

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1. Department of Inorganic Chemistry, Pedagogic School, Gdansk.

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Vol. 12, no. 12 Dec. 1956
CEMENT, WARNO, GIIS
POLITICAL SCIENCE
Warszawa, Poland

So: East European accession Vol. 6, No. 3, March 1957

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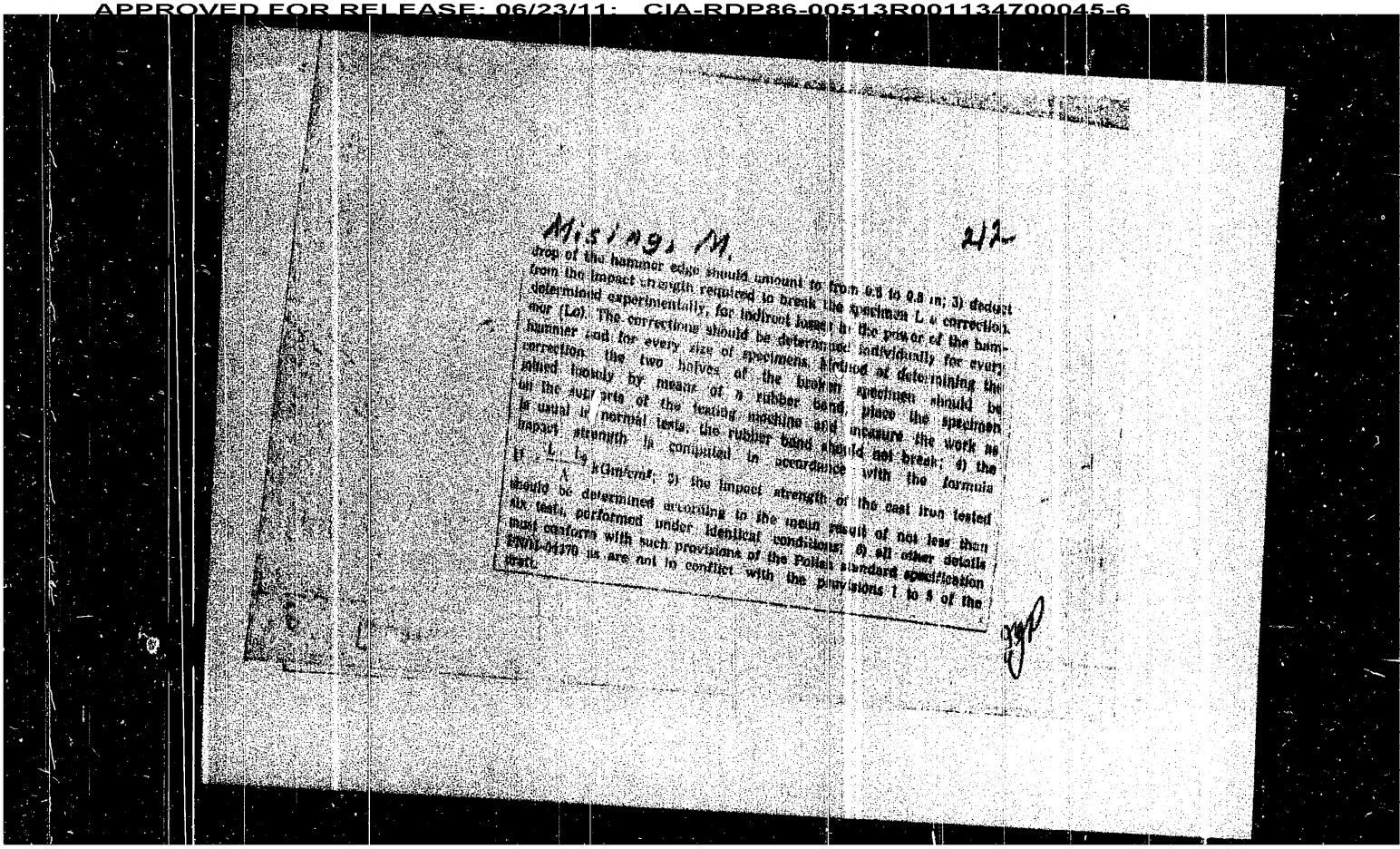

Misiąg, M.

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drop of the hammer edge should amount to from 0.3 to 0.8 in; 3) deduct from the impact strength required to break the specimen L a correction determined experimentally; for indirect tests the power of the hammer (Lo). The corrections should be determined individually for every hammer and for every size of specimens. Method of determining the correction: the two halves of the broken specimen should be joined loosely by means of a rubber band, place the specimen on the anvil arms of the testing machine and measure the work as in usual or normal tests. The rubber band should not break; 4) the impact strength is computed in accordance with the formula

$$A = \frac{L - L_0}{F}$$

A kGm/cm²; 5) the impact strength of the cast iron tested should be determined according to the mean result of not less than six tests, performed under identical conditions; 6) all other details must conform with such provisions of the Polish standard specification PN-61-04170 as are not in conflict with the provisions 1 to 5 of the draft.

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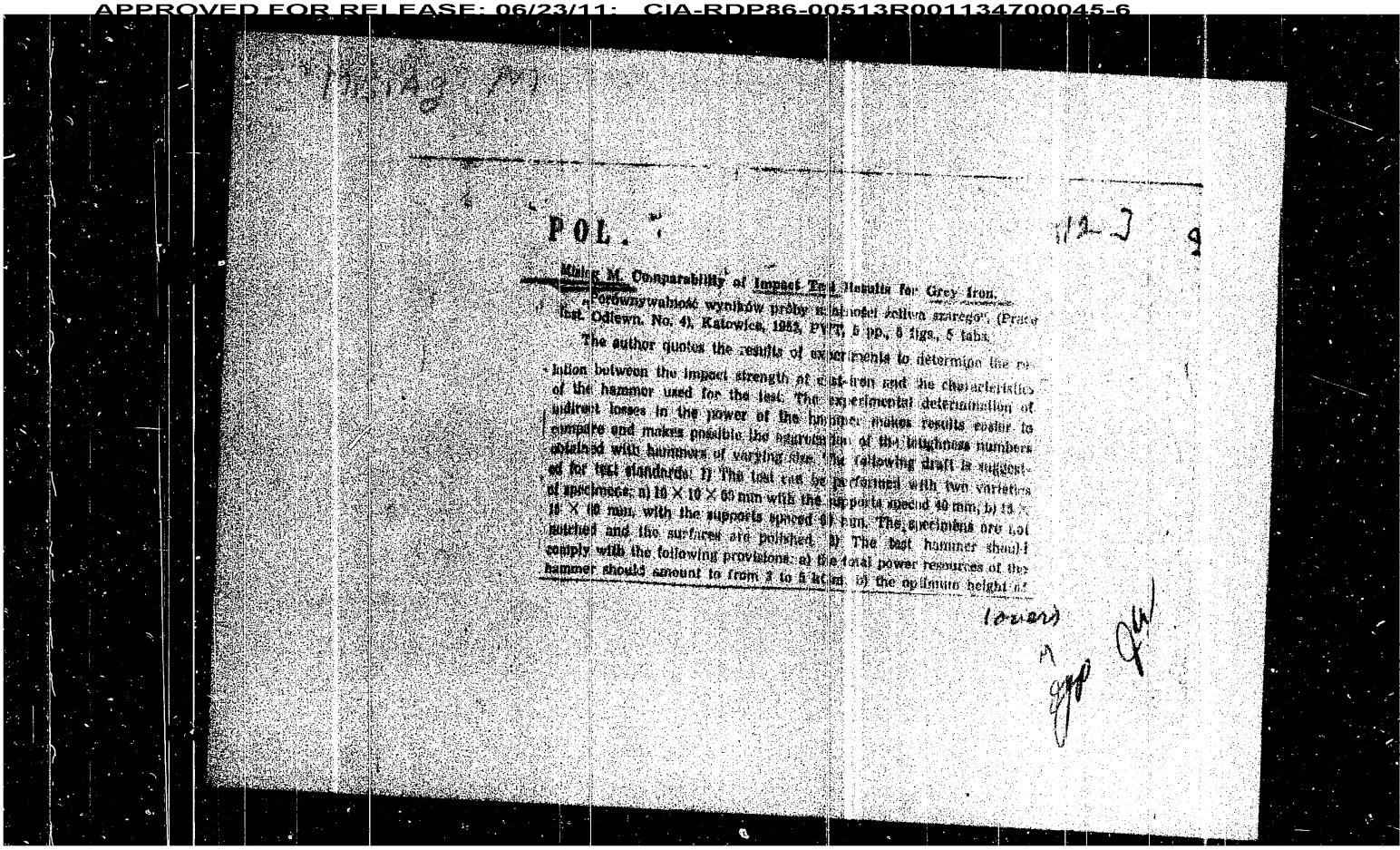

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Mikler M. Comparability of Impact Test Results for Grey Iron.

"Porównywalność wyników próby udarności żeliwa szarego". (Prace Inst. Odlewn. No. 4), Katowice, 1955, pp. 77, 5 pp., 6 figs., 5 tabs.

The author quotes the results of experiments to determine the relation between the impact strength of cast iron and the characteristics of the hammer used for the test. The experimental determination of indirect losses in the power of the hammer makes results easier to compare and makes possible the conversion of the toughness numbers obtained with hammers of varying size. The following draft is suggested for test standards: 1) The test are to be performed with two varieties of specimens: a) 10 × 10 × 60 mm with the supports spaced 40 mm, b) 15 × 15 × 60 mm, with the supports spaced 51 mm. The specimens are not notched and the surfaces are polished. 2) The test hammer should comply with the following provisions: a) the total power resources of the hammer should amount to from 2 to 5 kgm, b) the optimum height of

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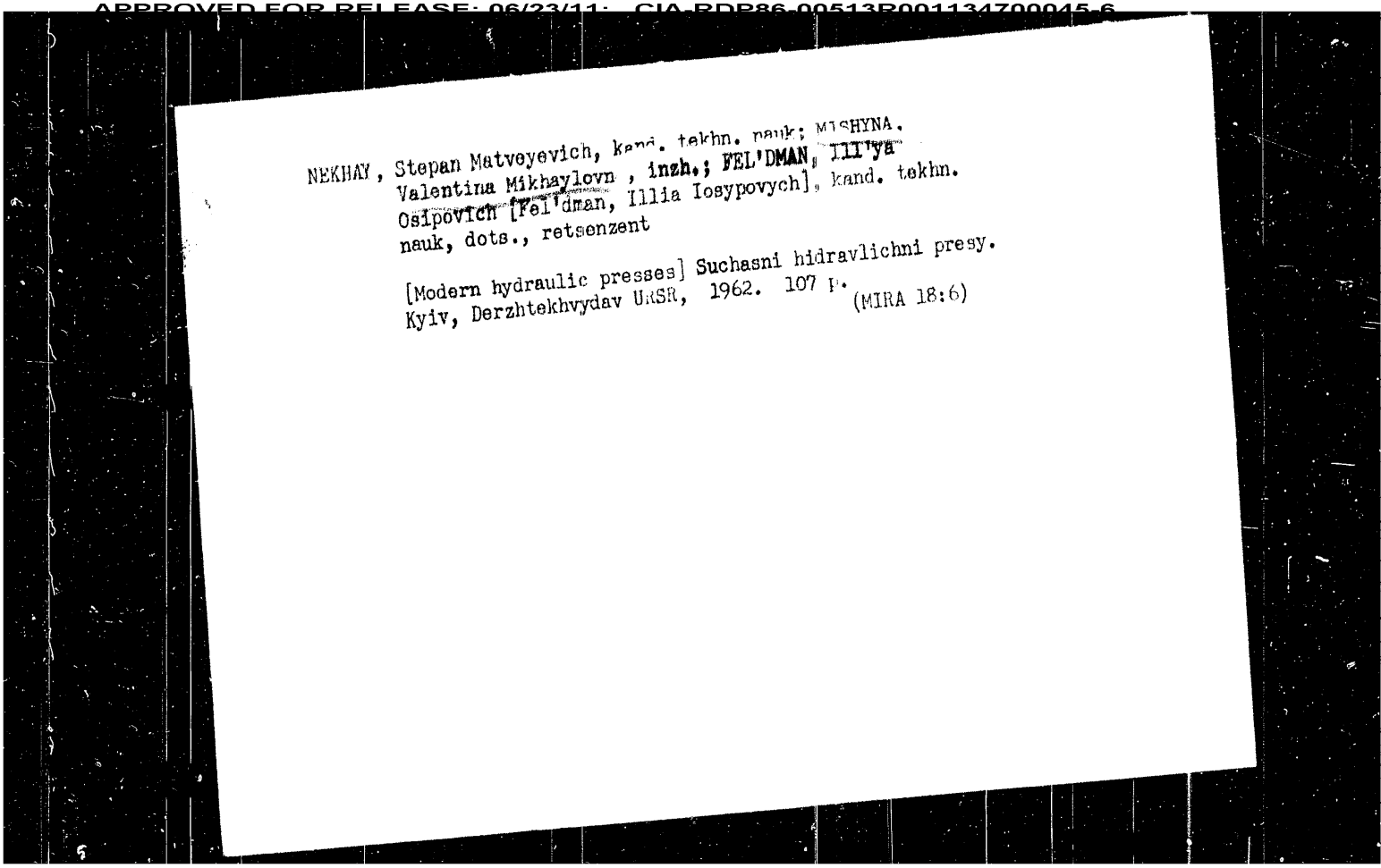

NEKHAY, Stepan Matveyevich, kand. tekhn. nauk; MISHYNA, Valentina Mikhaylovna, inzh.; FEL'DMAN, Il'ya Osipovich [Fel'dman, Illia Iosypovych], kand. tekhn. nauk, dots., retsenzent

[Modern hydraulic presses] Suchasni hidravlichni presy. Kyiv, Derzhtekhvydav URSR, 1962. 107 p. (MIRA 18:6)

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MISHYN, V.V.

Effect of blasting on the interchamber pillars and ceilings.
Khar.prom. no.4:60-63 O-D '62. (MIRA 16:1)

1. Dnepropetrovskiy gornyy institut.
(Salt mines and mining) (Blasting)

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MISHUYEVA, N.A.

GIGOVSKIY, Ye.Ye., doktor med.nauk; MISHUYEVA, N.A.

Treatment of urogenital fistulas in women [with summary in English].
Akush. i gin. 34 no.1:75-78 Ja-F '58. (MIRA 11:4)

1. Iz klinicheskoy bol'nitsy No.23 imeni Medsantrud (glavnyy vrach A.P.Timofeyeva)
(UROGENITAL SYSTEM, fistula
in women, surg., technics (Rus))

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MISHUYEVA, N.A.

Rare case of tubo-ovarian-abdominal wall fistula. Akush. i gin. 33 no.6:89-90 N-D '57. (MIRA 11:3)

1. Iz ginekologicheskogo otdeleniya (zav.-doktor meditsinskikh nauk Ye.Ye.Gigovskiy) Klinicheskoy bol'nitsy No.23 imeni soyuza Medsantrud.
(FALLOPIAN TUBES, fistula
tubo-ovarian-abdom. wall)
(ABDOMINAL WALL, fistula
same)
(OVARIES, fistula,
same)

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MISHUYEV, B., mayor

Behind the instructor's desk. Starsh.-serzh. no.7:23 Jl '61.
(MIRA 14:9)

(Aerial gunnery--Study and teaching)

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Spherical Barium Titanate Receivers for Measurements of Pressure of Shock Waves in Air

was tested on shock waves with pressures of 0.025-3.5 kg/cm^2 in the wave-front. Figs 5 and 6 show shock-wave profiles obtained with the receiver described when the wave-front pressures were 0.025 and 1.25 kg/cm^2. The advantage of the receiver, compared with receivers with rigid holders is that the recorded shock-wave profile is not disturbed by vibrations of the holder. Small errors are introduced due to rarefaction in the shadow cast by the spherical receiver (Fig 7) and due to a slight dependence of the recorded pressure on the angle between the axis of the receiver and the wave-front normal (Fig 8). There are 8 figures and 5 Soviet references.

SUBMITTED: December 27, 1957

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SOV/46-5-1-10/24

AUTHORS: Makushkin, V.P. and Mishuyev, A.V. (Leningrad)

TITLE: Spherical Barium Titanate Receivers for Measurements of Pressure of Shock Waves in Air (Sfericheskiye titanatbariyevyye priyemniki davleniya vozdushnykh udarnykh voln)

PERIODICAL: Akusticheskiy Zhurnal, 1959, Vol 5, Nr 1, pp 64-69 (USSR)

ABSTRACT: The authors describe a non-directional piezoelectric receiver for use in studies of shock waves in air. The receiver is a spherical shell of barium titanate (detail 1 in Fig 4). Its holder consists of two conical tubes made of rubber and cork (details 3 and 4 respectively). The cork section is attached to a metal tube 5. The holder is sealed against moisture by a layer of graphite. The spherical shell of the receiver is covered by a layer of BF-6 glue (8) to protect it from heating by the shock waves. Connections to the electrodes (2) are made via an inner conductor 6 (a sewing needle) and an outer conductor 7 (a metal spiral). The dimensions of the barium titanate shell were: external diameter 3.8 mm, internal diameter 2.8 mm; its capacitance was 650 pF. The sensitivity of the receiver was 0.545 volts per kg/cm^2. It

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